

ABSTRACT OF THE DISCLOSURE

Methods of disclosed for bleaching medium consistency cellulose pulp including generating a stream of ozone-containing gas having an ozone concentration of at least 20% by weight from pressurized oxygen, and mainly injecting the ozone-containing gas into the stream of cellulose pulp to provide a bleached cellulose pulp, whereby the cellulose pulp may be bleached without the use of a high sheer mixer.

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